

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

7

DECISION

TOPIC

Solid Waste Alternatives Program – Recommendations

The Department received fifteen proposals, requesting over \$2.0 million in financial assistance, for consideration during the January 2007 round of funding. Nine (9) projects were selected for funding or additional consideration. If approved they will receive \$558,484 in a combination of forgivable loans, zero interest loans and three-percent (3%) loans.

The review committee consisted of five persons representing the Energy and Waste Management Bureau (Tom Anderson and Jennifer Reutzel), Iowa Society of Solid Waste Operations (Don Vogt), Iowa Recycling Association (Jeffrey Rose), and the Iowa Waste Exchange (Julie Plummer).

The table below summarizes recommendations by applicant and project type and by the type of award.

Recommended By Applicant Type	# Awards	Award Amount	Forgivable Loan Portion
Local Government	3	\$41,424	\$18,124
Private For Profit	5	\$504,310	\$49,235
Private Not For Profit	1	\$12,750	\$12,750
Recommended By Project Type	# Awards	Award Amount	Forgivable Loan Portion
Best Practices	8	\$545,734	\$67,359
Market Development	0	\$0	\$0
Education	1	\$12,750	\$12,750
Type of Award	# Awards	Award Amount	Forgivable Loan Portion
Forgivable loan only	4	\$40,109	\$40,109
Forgivable and 0% loan only	2	\$88,875	\$40,000
0% and 3% interest loan only	1	\$395,250	\$0
0% interest loan only	1	\$10,950	\$0
3% interest loan only	1	\$23,300	\$0

At this time, the Department is requesting Commission approval to enter into contracts with selected applicants whose awards will be in excess of \$25,000 subject to satisfactory review of additional requested information, review of business plans, negotiation of budget, match, deliverables, and other requested information.

A description of each recommended project, the project type, the amount and type of funding assistance is attached followed by a description of other proposals received but not recommended for funding.

Wayne Gieselman
Division Administrator
Environmental Services Division

Attachment

a) Application descriptions

February 12, 2007

SOLID WASTE ALTERNATIVES PROGRAM
PROPOSAL RECOMMENDATIONS – JANUARY 2007

The Department received fifteen (15) proposals, requesting over \$2.0 million in financial assistance, for consideration during the January 2007 round of funding. Nine (9) projects were selected for funding or additional consideration. If all are approved they will receive \$558,484 in a combination of forgivable loans, zero interest loans and three-percent (3%) loans.

The following provides a description of each project, the project type, and the amount and type of funding assistance. The descriptions are organized as projects above \$25,000, those \$25,000 and below, and proposals received but not selected.

PROPOSAL RECOMMENDATIONS: ABOVE \$25,000

BEST PRACTICES PROJECTS:

Tasler, Inc. 1804 Tasler Drive Webster City, IA 50595	Forgivable Loan:	\$20,000
	Zero Interest Loan:	\$10,000
	3% Interest Loan	<u>\$0</u>
	Total Award Amount:	\$30,000
	Cash Match:	\$10,000
	In-Kind Match:	<u>\$63,100</u>
	Local Match:	\$73,100
	Total Project Cost:	\$103,100

Project Title:	EPS Heat Extruder	
Contact:	Neal Ogg	Phone: 515-832-5200
Project Type:	Best Practices	
Applicant:	Private For Profit	
Description:	Applicant requests funds to purchase equipment to implement an expandable polystyrene (styrofoam) recycling program within the manufacturing facility. Waste styrofoam will be pelletized and sold to a contract end market. The project represents a viable solution to a difficult-to-handle, large volume waste material currently being landfilled. This project will also allow the applicant to increase recycling rates within their facility. Funding will go towards the purchase of the heat extruding equipment and support the diversion of 60 tons of EPS material from entering the landfill each year	
Target Area:	Tasler Inc. – Webster County	

Practical Environmental Solutions, Inc.
408 N. 12th Avenue
Washington, IA 52353

Forgivable Loan:	\$20,000
Zero Interest Loan:	\$38,875
3% Interest Loan	<u>\$0</u>
Total Award Amount:	\$58,875

Cash Match:	\$108,314
In-Kind Match:	<u>\$0</u>
Local Match:	\$108,314

Total Project Cost:	\$167,189
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Project Title: **Wood Fuel Pellet Manufacturing**
Contact: Lee Strait Phone: 319-321-8391
Project Type: Best Practices
Applicant: Private For Profit
Description: Applicant requests funds to support the establishment of a wood waste pelletizing operation that will utilize wood waste in production of a biomass fuel pellet. Funds will be used for the purchase of equipment to support the collection and transportation of wood waste from raw material wood waste suppliers and to end retail markets. The project will support the diversion of over 4,000 tons of wood waste material.

Target Area: Keokuk, Washington and Jefferson Counties

Rock Hard Concrete Recycling
P.O. Box 217
West Branch, IA 52358

Forgivable Loan:	\$0
Zero Interest Loan:	\$150,000
3% Interest Loan:	<u>\$245,250</u>
Total Award Amount:	\$395,250

Cash Match:	\$146,250
In-Kind Match:	<u>\$512,100</u>
Local Match:	\$658,350

Total Project Cost:	\$1,053,600
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Project Title: **Mobile Concrete Recycling Service: Phase II**
Contact: Dean Pedersen Phone: 319-627-2315
Project Type: Best Practices
Applicant: Private For Profit
Description: Applicant requests funds to support an expansion of the applicant's mobile concrete recycling operations. The applicant currently provides mobile concrete recycling services to private, commercial and municipal customers in eastern Iowa. Funding will be used to purchase a second line of crushing and processing equipment in response to excessive demand for services. The project will alleviate the applicant from having to rent processing equipment to deliver timely service as well as expand their current service area to encompass the entire state. The applicant estimates that an

additional 10,000 tons of material will be processed under the proposed project in the first year.

Target Area: State of Iowa

PROPOSAL RECOMMENDATIONS: \$25,000 AND BELOW

BEST PRACTICES PROJECTS:

DSM Nutritional Products
616 Dayton Avenue
Ames, IA 50010

Forgivable Loan:	\$9,235
Zero Interest Loan:	\$0
3% Interest Loan	<u>\$0</u>
Total Award Amount:	\$9,235

Cash Match:	\$9,472
In-Kind Match:	<u>\$0</u>
Local Match:	\$9,472
Total Project Cost:	\$18,707

Project Title: Sustainability – It's In The Bag
Contact: Kevin A. Darr Phone: 515-232-4668
Project Type: Best Practices
Applicant: Private For Profit
Description: Applicant requests funds to purchase equipment to implement a polypropylene (PP) recycling program within the facility. The project will allow for the recycling of PP Super Sacks, a constant problematic material for the applicant and the local landfill. Funding will go towards the purchase of baling equipment and will support the diversion of 10.8 tons of PP Super Sacks from entering the landfill each year.

Target Area: DSM Nutritional Products – Story County

Goodyear Tire and Rubber Company
400 North Goodyear Road
Mount Pleasant, IA 52641

Forgivable Loan:	\$0
Zero Interest Loan:	\$10,950
3% Interest Loan	<u>\$0</u>
Total Award Amount:	\$10,950

Cash Match:	\$10,950
In-Kind Match:	<u>\$0</u>
Local Match:	\$10,950
Total Project Cost:	\$21,900

Project Title: Reusable Shipping Containers

Contact:	Daniel Stoehr	Phone: 815-266-5153
Project Type:	Best Practices	
Applicant:	Private For Profit	
Description:	Applicant requests funds to acquire reusable shipping containers to replace the single-use disposable containers used by the facility and its material suppliers. The cardboard containers and wooden pallets currently used are prone to break and require frequent replacement. The reusable containers will replace all incoming and outgoing shipments at the facility, and is being done in conjunction with a company-wide goal of eliminating all landfill waste by the end of 2007. This project will target a waste reduction effort within the facility that will support a reduction of an estimated 6 tons of waste from being generated and landfilled each year.	
Target Area:	Henry and Lee counties	

Dickinson County Landfill		Forgivable Loan:	\$0
Commission		Zero Interest Loan:	\$0
1107 S. Hwy 71		3% Interest Loan	<u>\$23,300</u>
Arnolds Park, IA 51331		Total Award Amount:	\$23,300
		Cash Match:	\$23,300
		In-Kind Match:	<u>\$0</u>
		Local Match:	\$23,300
		Total Project Cost:	\$46,600
Project Title:	Operations Building – Expansion I		
Contact:	Ron Walker	Phone: 712-332-2341	
Project Type:	Best Practices		
Applicant:	Local Government		
Description:	Applicant requests funds to expand the size of the Dickinson County Recycling Facility. The need for expansion comes as a result of consistently increasing recycling program participation by county residents and the need for acquisition of additional equipment to properly support the county's programs. Funding will assist in the construction of a building expansion and will support the processing of an estimated 2,400 tons of recyclables each year.		
	Dickinson County		
Target Area:			

Keokuk Historic Preservation		Forgivable Loan:	\$10,124
Commission		Zero Interest Loan:	\$0
415 Blondeau Street		3% Interest Loan	<u>\$0</u>
Keokuk, IA 52632		Total Award Amount:	\$10,124

Cash Match:	\$10,676
In-Kind Match:	<u>\$7,490</u>
Local Match:	\$18,166
Total Project Cost:	\$28,290

Project Title: Deconstruct/Salvage vs. Trackhoe/Landfill
Contact: Charles Mitchell Phone: 319-524-5636
Project Type: Best Practices
Applicant: Local Government
Description: Applicant requests funds to establish a deconstruction/salvage operation in the City of Keokuk. Applicant is working with the City and their list of targeted deteriorated / abandoned homes to deconstruct and recover salvageable building materials (lumber, molding, fixtures, etc.). Recovered materials will be sold to the public through the Restoration Warehouse, a construction/demolition reuse outlet recently established by the applicant. Requested funds will go towards acquiring deconstruction equipment and advertising/education efforts for the reuse store. Based on initial results, the applicant will divert an estimated 1,000 tons of C&D material and reusable building materials from the landfill over a one-year period.

Target Area: City of Keokuk

Metro Waste Authority	Forgivable Loan:	\$8,000
225 Prairie Drive SW	Zero Interest Loan:	\$0
Bondurant, IA 50035	3% Interest Loan	<u>\$0</u>
	Total Award Amount:	\$8,000

Cash Match:	\$6,000
In-Kind Match:	<u>\$2,000</u>
Local Match:	\$8,000
Total Project Cost:	\$16,000

Project Title: Mercury Thermometer Exchange
Contact: Becky Wehrman Phone: 515-967-5512
Project Type: Best Practices
Applicant: Local Government
Description: Applicant requests funds to support a mercury thermometer exchange being held in conjunction with a large scale residential pharmaceutical collection event at the Metro Waste Authority Regional Collection Center. The applicant will be offering free digital thermometers to residents who bring in their mercury thermometers for proper handling. The event will be advertised through TV, radio and print promotion, and is being held in partnership with the Iowa Pharmacy Association, the Mid-Iowa Narcotics Task Force, the Poison Control Center and the Governor's Office of Drug Control Policy. Event goals are to remove 300 mercury-containing

thermometers from use and ultimately from entering the landfill.

Target Area: Polk County and surrounding RCC service counties

EDUCATION PROJECTS:

Quad Cities Earth Week Coalition
5640 Carey Avenue
Davenport, IA 52807

Forgivable Loan:	\$12,750
Zero Interest Loan:	\$0
3% Interest Loan	<u>\$0</u>
Total Award Amount:	\$12,750

Cash Match:	\$26,250
In-Kind Match:	<u>\$0</u>
Local Match:	\$26,250
Total Project Cost:	\$39,000

Project Title: Environmental Education Guide, Fair, Website
Contact: Erin Robinson Phone: 563-386-9575
Project Type: Education
Applicant: Private Not For Profit
Description: Applicant requests funds in support of the upcoming Quad Cities Earth Week Fair. Each year the Fair provides educational booths and activities for area students and families to learn about the environment and environmental issues, including municipal solid waste, curbside recycling, household hazardous materials, electronic waste and recycling, yard waste and overall conservation of natural resources. The applicant's goals are to promote attendance at the Fair and provide on-going environmental education information and opportunities to the Quad Cities year-round. Funding will go towards advertising for the Earth Week Fair, development of a website to serve as a year-round environmental education resource, and the development and distribution of an Environmental Education Guide that will serve as a comprehensive resource for environmental and natural resource information in the Quad Cities area.

Target Area: Quad Cities and surrounding areas within a 50-mile radius

PROPOSALS RECEIVED, NOT RECOMMENDED

City of Hampton
122 1st Avenue NW
Hampton, IA 50441

Total Amount Requested: \$20,000

Project Title:	City of Hampton Compost Turner		
Contact:	Doug Tarr	Phone:	641-456-4853
Project Type:	Best Practices		
Applicant:	Local Government		
Description:	Applicant requests funds to purchase a compost turner for the city's compost facility		

Keep Iowa Beautiful 300 E. Grand Avenue, Suite 100 Des Moines, IA 50309	Total Amount Requested:	19,500
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Project Title:	Keep Iowa Clean and Beautiful Public Education Campaign		
Contact:	Gerry Schnepf	Phone:	515-323-6507
Project Type:	Education		
Applicant:	Private Not For Profit		
Description:	Applicant requests funds to support funding for the Keep Iowa Clean and Beautiful public education campaign		

Responsible Redevelopment Group 1079 Elm Street Dubuque, IA 52001	Total Amount Requested:	\$24,000
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Project Title:	Responsible Redevelopment Initiative		
Contact:	David Blake	Phone:	563-495-0301
Project Type:	Market Development		
Applicant:	Private For Profit		
Description:	Applicant requests funds to install a heating system in an expanded section of their showroom/product development area to increase retail square footage and support increased sales of recovered C&D materials		

DK Plastics 105 Main Street Archer, IA 51231	Total Amount Requested:	\$1,112,500
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Project Title:	DK Plastics Expansion Project		
Contact:	Scott D. DeKok	Phone:	712-723-5372
Project Type:	Best Practices		
Applicant:	Private For Profit		
Description:	Applicant requests funds to support an expansion project at their plastic extrusion facility that would increase their market demand for recycled plastic		

Iowa Fuel Solutions 2841 Kentucky Avenue Mount Pleasant, IA 52641	Total Amount Requested:	\$242,500
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Project Title:	Diverting Wood From Landfills Using Biomass Fueled Gasifier		
Contact:	Sally Johnson	Phone:	319-986-5524
Project Type:	Best Practices		

Applicant:	Private For Profit
Description:	Applicant requests funds to support their development of a biomass-fueled gasifier designed to utilize wood waste as a feedstock

T&S Scrap 218 Grand Avenue Ottumwa, IA 52501		Total Amount Requested:	\$20,000
Project Title:	Full Service Recycling Site		
Contact:	Travis Kirk Reinier	Phone:	641-455-3021
Project Type:	Best Practices		
Applicant:	Private For Profit		
Description:	Applicant requests funds to purchase equipment in support of their expansion to a full-service recycling site for area businesses		